Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE JOHNS HOPKINS PRESS

SERIAL PUBLICATIONS

American Journal of Insanity. E. N. BRUSH, J. M. MOSHER, C. M. CAMPBELL, A. M. BARRETT, and C. K. CLARKE, Editors. Quarterly. 8vo. Volume LXXV in progress. $5 per volume. (Foreign postage, fifty cents).

American Journal of Mathematics. Edited by FRANK MORLEY, with the coöperation of A. COHEN, CHARLOTTE A. SCOTT, A. B. COBLE and other mathematicians. Quarterly. 4to. Volume XLI in progress. $6 per volume. (Foreign postage, fifty cents.)

American Journal of Philology. Edited by B. L. GILDERSLEEVE and C. W. E. MILLER, managing Editor. Quarterly. 8vo. Volume XL in progress. $3 per volume. (Foreign postage, fifty cents.)

Beiträge zur Assyriologie und semitischen Sprachwissenschaft. PAUL HAUPT and FRIEDRICH DELITZSCH, Editors. Volume X in progress.

Elliott Monographs in the Romance Languages and Literatures. E. C. ARMSTRONG, Editor. 8vo. $3 per series. Six numbers have appeared.

Hesperia. HERMANN COLLITZ, HENRY WOOD and JAMES W. BRIGHT, Editors. 8vo. Thirteen numbers have appeared.

Johns Hopkins Hospital Bulletin. Monthly. 4to. 8 volume. XXX in progress. $3 per year. (Foreign postage, fifty cents.)

Johns Hopkins Hospital Reports. 8vo. Volume XVIII in progress. $5 per volume. (Foreign postage, fifty cents.)

Johns Hopkins University Circular, including the President's Report, Annual Register, and Medical Department Catalogue. T. R. BALL, Editor. Monthly. 8vo. $1 per year.

Johns Hopkins University Studies in Education. EDWARD F. BUCHNER and C. MACFIE CAMPBELL, Editors. 8vo. Two numbers have appeared.

Johns Hopkins University Studies in Historical and Political Science. Under the direction of the Departments of History, Political Economy and Political Science. 8vo. Volume XXXVII in progress. $3.50 per volume.

Modern Language Notes. J. W. BRIGHT, Editor-in-Chief, M. P. BRUSH, W. KURRELMEYER, and G. GRUENBAUM. Eight times yearly. 8vo. Volume XXXIV in progress. $3 per volume. (Foreign postage, fifty cents.)

Reprint of Economic Tracts. J. H. HOLLANDER, Editor. Fourth series in progress. $2.

Terrestrial Magnetism and Atmospheric Electricity. L. A. BAUER, Editor. Quarterly. 8vo. Vol. XXIV in progress. $3 per volume. (Foreign postage, 25 cents.)

Subscriptions and remittances should be sent to The Johns Hopkins Press
Baltimore, Maryland, U. S. A.

CONTENTS.

PAGE

Asymptotic Satellites near the Straight-Line Equilibrium Points in the Problem of Three Bodies. By DANIEL BUCHANAN, ... 79

Concerning the Invariant Theory of Involutions of Conics. By WAYNE SENSENIG, ... 111

Note on Seminvariants of Systems of Partial Differential Equations. By A. L. NELSON, ... 123

On a Method for Determining the Non-Stationary State of Heat in an Ellipsoid. By BIBHUTIBHUSAN DATTA, ... 133

Nilpotent Algebras Generated by Two Units, i and j, Such That i^2 Is Not an Independent Unit. By GUY WATSON SMITH, ... 143

The American Journal of Mathematics will appear four times yearly.

The subscription price of the Journal is $6.00 a volume (foreign postage, 50 cents); single numbers, $1.50. A few complete sets of the Journal remain on sale.

It is requested that all editorial communications be addressed to the Editor of the American Journal of Mathematics, and all business or financial communications to The Johns Hopkins Press, Baltimore, Md., U. S. A.

The Lord Baltimore Press
BALTIMORE, MD., U. S. A.